Title: Molecular Antigen Arrays

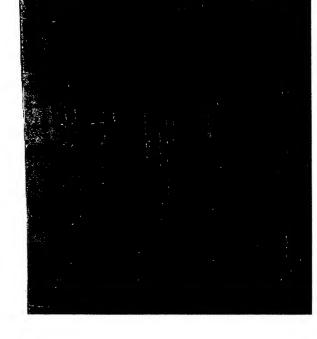
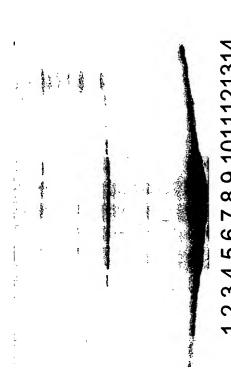


Fig. 1A

1234567891011121314



1234567891011121314

Fig. 1B

Fig. 1C

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Appl. No. To Be Assigned; Filed: Herewith Dkt. No. 1700.0310001; Group Art Unit: To Be Assigned Inventors: Bachmann et al.; Tel: 202/371-2600 Title: Molecular Antigen Arrays

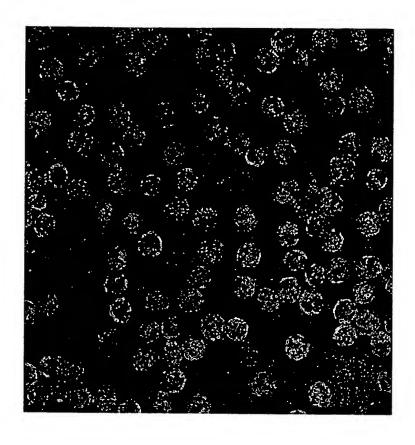
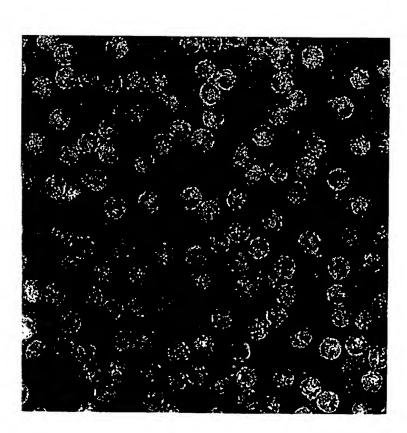


Fig. 1E



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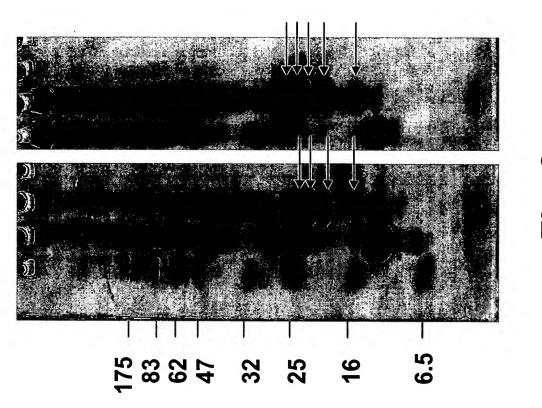


Fig. 2

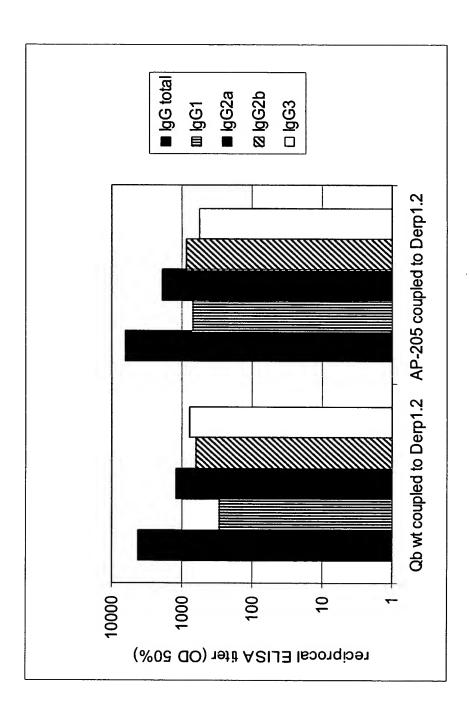


Fig. 3

									Nhe	I		Linker					
1	GAT D	CCA P	GCA A	GCT A	GGG G	CTC L	GAG E	GTG V			GGA						
	D	P	А	А	G	ъ	Ē	V	L	A	G	G	G	G	С	G	
					a												
		Factor Xa						_									
49	ATC I	GAA E	GGT G	CGC R	AAG K	CTT	ACT T	CAC H	ACA T	TGC C	CCA P	CCG P	TGC C	CCA P	GCA A	CCT P	
97	GAA	GCC	GAG	GGG	GCA	CCG	TCA	GTC	TTC	CTC	TTC	CCC	CCA	AAA	CCC	AAG	
	Е	A	E	G	A	P	s	V	F	L	F	P	P	K	P	K	
145											GTC		TGC	GTG	GTG	GTG	
		Т	L	M	I	S	R	Т	P	E	V	Т	С	V	V	V	
193	GAC D	GTG V									TTC				GTG		
			S	H	E	D	P	E	<u>V</u>	K	F	N	W	Y	V	D	
241	GGC G	GTG V	GAG E	GTG V	CAT	AAT N	GCC A	AAG K	ACA T	AAG K	CCG P	CGG R	GAG E	GAG E	CAG O	TAC Y	
200																	
289	AAC N	AGC S	ACG	TAC	CGT	GTG V	GTC	AGC S	GTC	CTC	ACC T	GTC	CTG	CAC	CAG	GAC D	
337	TGG	СТС	ΔΔΤ	GGC	AAG	GAG	TAC	A A C	TCC		GTC	TICC					
33,	W	L	N	G	K	E	Y	K	C	K	V	S	N N	K	A	L	
385										AAA	GCC	AAA	GGG	CAG	CCC.	CGA	
	P	A	s	I	E	K	Т	I	s	K	A	K	G	Q	P	R	
433	GAA E	CCA P	CAG Q	GTG V	TAC Y	ACC T	CTG L	CCC P	CCA P		CGG						
										S	R	D	E	L	T	К	
481	AAC N	CAG	GTC V	AGC S	CTG	ACC	TGC	CTG	GTC V	AAA K	GGC G	TTC F	TAT Y	CCC	AGC S	GAC D	
529	ATC	GCC	GTG	CAC	TCC	CAC											
323	I	A	V	E	W	E	S	N	G	Q	CCG P	E	AAC N	AAC N	TAC Y	AAG K	
577		ACG			GTG	TTG	GAC	TCC	GAC	GGC	TCC	TTC	TTC	CTC	TAC	AGC	
	T	Т	P	P	<u>v</u>	L	D	S	D	G	S	F	F	L	Y	s	
625	AAG K	CTC L	ACC T	GTG V							CAG					TCA	
					D	K	S	R	W	Q	Q	G	N	V	F	s	
673	TGC C	TCC	GTG V	ATG M	CAT H	GAG E	GCT A	CTG L	CAC H	AAC N	CAC H	TAC Y	ACG T	CAG Q	AAG K	AGC S	
721	CTC T	rcc c	TG T	CT C	CCG C	GT A	AAA 1	GA C	2					~		-	

FIG. 4A

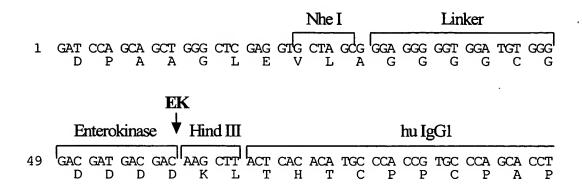


FIG. 4B

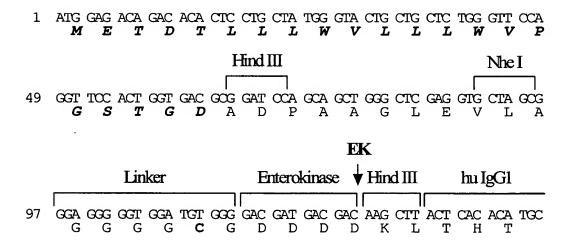
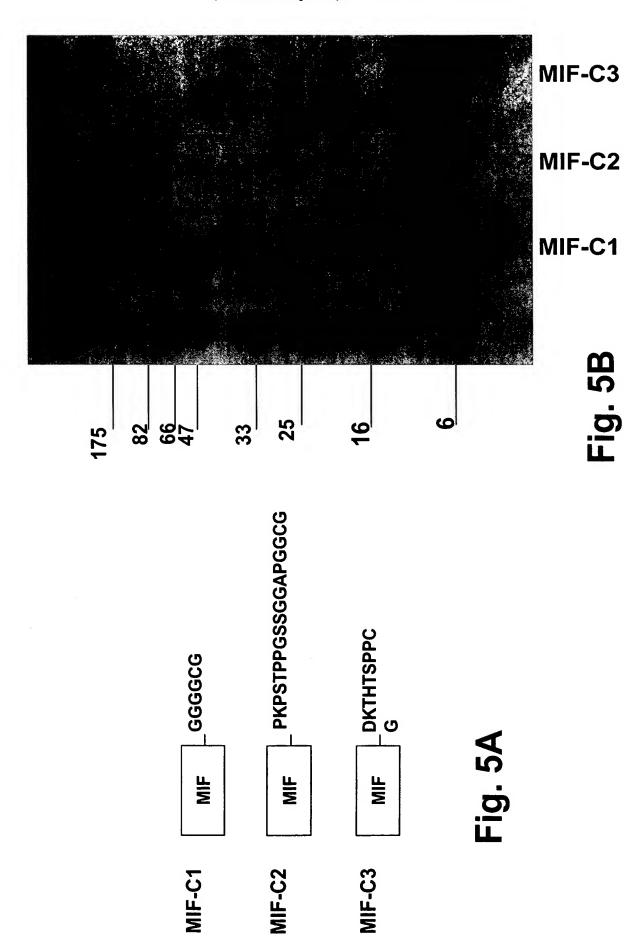
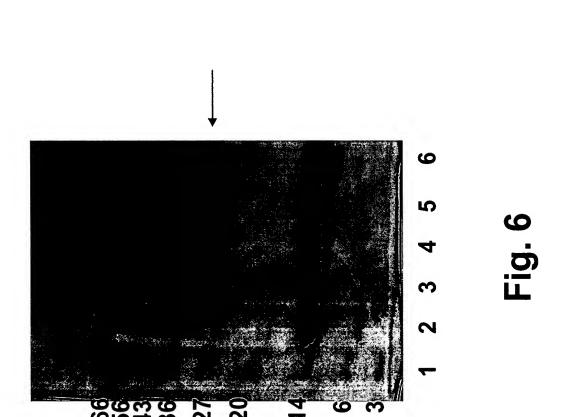
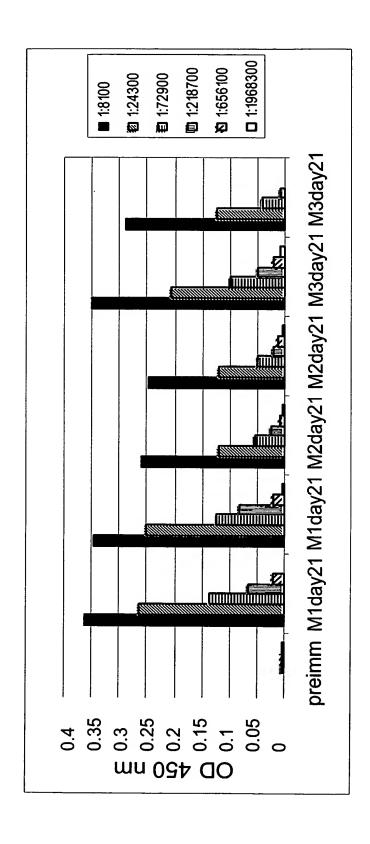


FIG. 4C







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